From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 08:13:27 1994
From: djw@unlinfo.unl.edu (daniel wright)
Message-Id: <9409291047.AA07773@unlinfo.unl.edu>
Subject: 'ol Smokey II
Date: Thu, 29 Sep 1994 05:47:55 -0500 (CDT)


For Sale:
        Swan 500/230xc ps/spkr.manual. Works gud! 80 meter
bandswitch position slightly flaky.
Slight aroma of Eau 'de Smoke(cigatette,not ohmite!).
Paid 175 U.S American dollars for it..(sheilds up!!)
I'd like to get out of it what I paid for it....offers??
djw@unlinfo.unl.edu....(with no more room in the shack!)



*We tell the neighbors to buy high and sell low,right Hugh??


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 17:43:15 1994
From: flasch@cushy.eecs.nwu.edu (Norm Flasch)
Message-Id: <9409291551.AA01878@cushy.eecs.nwu.edu>
Subject: Re: AN/PRR-15 Update..
Date: Thu, 29 Sep 1994 10:51:51 -0500 (CDT)

>
> The tape recorder is marked "Dictaphone" and uses cassettes that are
> twice (at least) the size of a normal cassette tape.. Does anyone
> recognize that size? I assume that I am going to find a patch cord
> that will run from one of the audio output jacks to the recorder
> input.
>
> Smoke test, tonight....
>
> 73,
>
> Larry
>

Now Dictaphone brings back some good memories.  They used to make
dictating machines.  Anyone who would need a letter typed would
dictate it into this machine, later to be played back and typed
by a secretary.  When I was a kid, my father would bring us to
the office occasionally and let my sister and I record our voices
on these machines.  What a wonderful treat that was in that age.

These machines used small (maybe 6") thin, flexable, transparant
blue records to record on.  You could see the groves magically
appear as you continued to record.  There was a handheld mike
with a compression switch on the handle for recording.  Every
desk seemed to have one of these dictating machines.  One of
my earliest recolections of neon pilot lights too.

I have not seen one of these since I became interested in
collecting wonderful old equipment in the last two years.

Another thing I have not seen is an electric "Monroe Calculator"
from the 60's.  These were strictly mechanical calculators
that added, subtracted, multipleid AND divided.  What contortions
this machine would go through when dividing!

Anyway, Dictaphone is still in business.  But, I would be
suprised if they still had cassettes for the deck in your
radio.

>From the "93/94 harris Electronic Directory:

Dictaphone Corp.
3191 Broadbridge Ave.
Stratford, CT 06497
203-381-7000

--
Norm Flasch, Department of Electrical Engineering and Computer Science
Northwestern University, 2145 Sheridan Rd., B665, Evanston, IL 60208
voice=708-491-8161, fax=708-491-4455, email=flasch@eecs.nwu.edu

From owner-boatanchors@gnu.ai.mit.edu  Fri Sep 30 03:51:48 1994
Message-Id: <MAILQUEUE-101.940929221922.320@vilas.uwex.edu>
From: "Terry O'Laughlin"  <OLAUGHLIN@vilas.uwex.edu>
Date:          29 Sep 94 22:19:22 CDT
Subject:       Collins 651S-1 power cord

I acquired a couple of these receivers without power cords and,
lacking a manual, I cannot do a smoke test.  Anyone have an extra
connector, cord or manual for this radio?

73s     Terry O'      WB9GVB

From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 09:59:19 1994
Date: Thu, 29 Sep 1994 09:09:04 -0500
From: CCS_MAH@admin.fandm.edu (Mark Hemlick Ph. D.)
Subject: Dan's TR4C
Message-Id: <01HHOGG7M9HU9N4BEI@ACAD.FANDM.EDU>

Sounds like a good deal, Dan.  You add:

>MATCHED SET(3) n.i.b. 6jb6 finals(purchased from RF Parts in
>1990)

Anyone have an address/phone # for "RF Parts"?

73 Mark KA3LFG


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 17:09:00 1994
From: Scott_Johnson-AZAX60@email.sps.mot.com
Date: 29 Sep 94 10:11:28 -0600
Subject: RE>Dan's TR4C
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>


        Reply to:   RE>Dan's TR4C
RF parts always has an ad in Mobile Radio Technology, as well as QST, I believe.

--------------------------------------
Date: 9/29/94 8:07 AM
To: Scott Johnson
>From: CCS_MAH@admin.fandm.edu@azbcsm
Content-Transfer-Encoding: 7BIT

Sounds like a good deal, Dan.  You add:

>MATCHED SET(3) n.i.b. 6jb6 finals(purchased from RF Parts in
>1990)

Anyone have an address/phone # for "RF Parts"?

73 Mark KA3LFG

---------------------------------------
Date: 9/29/94 8:07 AM
To: Scott Johnson
>From: CCS_MAH@admin.fandm.edu@azbcsm
Content-Transfer-Encoding: 7BIT

Sounds like a good deal, Dan.  You add:

>MATCHED SET(3) n.i.b. 6jb6 finals(purchased from RF Parts in
>1990)

Anyone have an address/phone # for "RF Parts"?

73 Mark KA3LFG



From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 23:18:07 1994
Date: Thu, 29 Sep 1994 19:07:44 -0400 (EDT)
From: Stephen Modena <modena@calypso-2.oit.unc.edu>
Subject: DIALS PostScript files by NA4G
Message-Id: <Pine.SOL.3.90.940929190422.5292B-100000@calypso-2.oit.unc.edu>

[ The files referred to in the attached 'readme' can be retrieved by
  anonymous ftp from two archive sites:

    SunSITE.unc.edu     (permanent)
    /pub/academic/agriculture/agronomy/ham/things-to-build/na4g

    ftp.Cybernetics.NET   (temporary)
    /pub/users/ab4el

  For ease, the group of files have been 'rolled into one'...

    dials.na4g.tar.Z    (for Unix jocks)
    dials.zip     (using PKZIP 2.04g for MS-DOS users)

  Don't forget to set 'binary' mode before 'get'...else they will
  come to you as trash.  :^)

  de AB4EL ]

---------------Cut Here------------------


DESCRIPTION OF THE 'DIALS' ARCHIVE OF POSTSCRIPT FILES

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * *
FILE:  dials.readme

The files in this directory are a series of various types of radio
dial plates and dial decals that are useful to the home constructor.
These designs are copyright by Robert D. Keys, NA4G.  Permission to
use these for any non-commercial amateur radio or antique radio
purpose is expressly given by the author.

The file collins2.ps is a replacement dial decal for the Collins
R-388/51J type radio receivers.  Many of these receivers have very
poor dial drum decals that have flaked away with age.  This replacement
dial drum decal can be very easily installed over the original, and it
will not affect the original in any way, if care is taken in the
installation process.  To use, affix the top end of the replacement
dial drum decal over the original, careflully aligning it over the
original, as closely as possible, with a small piece of clear mylar
tape, at the sides.  Wind the replacement dial drum decal over the
original and affix the bottom end with a long strip of clear mylar
tape.  To remove, just carefully cut the tape and the replacement
dial drum decal will roll off.  The original Collins dial drum decal
was black and red.  My replacement decal is just black, and the type
font style is slightly different from the original.  But, it is a
very close match at all the alignment points.  The original dial
drum decals are very hard to find, but this replacement is very
nice in appearance, and looks just fine, installed.

The file dials.ps is an assemblage of various kinds of dial decals
and dial plates that I have used over the years.  If you find any
of value, you are welcome to use them.

The file et8019a.ps is a replacement dial setting logging card for
an RMCA ET-8019A marine HF CW transmitter.  It is useful for any
project that requires a dial setting logging card.  Cut to suit
and mount.

The file namdial.ps is another assemblage of various kinds of
dial plates that may be useful.  If you find any of value, you
are welcome to use them.  Cut to suit and mount.

The file round2.ps is a dial plate patterned after the classic
National and Millen rectangular vernier dials.  If you have a need
for a half-round vernier dial plate, then this may be what you need.
Cut and mount behind your vernier dial mechanism on the panel.
You will need a pointer of some kind with the vernier, for it to work
properly.
```

The file scale100.ps is a linear sliderule dial plate for anyone that
has the temerity to put together an old-fashioned '40s vintage type
sliderule dial mechanism.  Xerox it up or down in size, to suit, and
mount on the panel under the sliderule pointer.

Most of these smaller decals or plates can be mounted to a panel with
double stick clear mylar adhesive tape.  If you can xerox them onto
two-wide mailing labels, that can also be made to work quite well.
Alternatively, a dab of superglue or spray contact adhesive will also
work quite well.  The larger decals or plates can be cut out and
mounted to a panel with screws at the locations of the dot screw holes.

Enjoy....

Boatanchor Bob

****************************************************************************
*  73 TU SU SK DE NA4G              ``Boat Anchor Bob'', an ol' CW fart.  *
****************************************************************************
*  Morse has been in the family for over 100 years.                      *
*  Morse radiotelegraphy (Spark/CW) has been in the family since 1914.   *
****************************************************************************
*  May you have fair winds and following seas on your watch at the key.  *
****************************************************************************

******************** END OF README FILE **********************

From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 22:15:13 1994
Message-Id: <9409291843.AA03469@geech.gnu.ai.mit.edu>
Date: 29 Sep 94 11:25:00 PST
From: "MELUCAS, MARC P." <MELUCAS@wsmc-mis.af.mil>
Subject: Famous Hams


Hello Everyone-

    This thread about SAC and Gen "Iron Ass" Lemay has me motivated to
weigh in on the subject; after all I am a former SAC trained killer.

    Art Collins, Curtis Lemay, and Butch Griswold had been well known to
each other on the ham bads for quite a while in the early 50's.  As the story

goes, they had never divulged last names on the air, only first names and calls
as is the custom on the ham bands.  Art Collins mentioned one day that he had
been working with SSB, and found it more efficient for DX.  Gen LeMay thought
that he would like to talk business with Art, and invited him over to Offutt
AFB to get more details.  I am not sure if Art knew what rank Curtis LeMay,
and Butch Griswold held, or what positions they held.  I am sure that Art did
not know exactly where to go on base, as the story tells what happened when
Art showed up at the front gate at the appointed day:  Art drove from Cedar
Rapids, IA to Offutt AFB and pulled up to the front gate, and said to the
security policeman that his name was Art, and he was looking for Curtis and
Butch.  The security policeman was taken aback, but knew who "Curtis and Butch"
refered to, so he called LeMay's office.  Sure enough, afetr a few minutes,
LeMay himself came down to the gate and vouched Art Collins on base.  The
rest is history.

            Marc, KB0JPQ


From owner-boatanchors@gnu.ai.mit.edu  Fri Sep 30 04:10:22 1994
Message-Id: <MAILQUEUE-101.940929222911.416@vilas.uwex.edu>
From: "Terry O'Laughlin"  <OLAUGHLIN@vilas.uwex.edu>
Date:          29 Sep 94 22:29:11 CDT
Subject:       For Sale: original R-390 meters

I have six sets of original R-390(A) meters.  $40 per pair, I ship.

73s     Terry O'     WB9GVB


From owner-boatanchors@gnu.ai.mit.edu  Fri Sep 30 04:09:34 1994
Message-Id: <MAILQUEUE-101.940929222439.640@vilas.uwex.edu>
From: "Terry O'Laughlin"  <OLAUGHLIN@vilas.uwex.edu>
Date:          29 Sep 94 22:24:39 CDT
Subject:       For sale: original R-390A cabinet

I have one original table top cabinet for the R-390A receiver.  It
needs paint but has no dents or modifications.  $100,  I ship.

73s     Terry O'     WB9GVB

From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 16:19:21 1994
Date: Thu, 29 Sep 1994 10:26:01 -0400
From: Nick England <nick@cs.unc.edu>
Message-Id: <199409291426.KAA08470@altair.cs.unc.edu>
Subject: found on newsgroup


rec.antiques.radio+phono #34 (6 more)

I have a radio from a B-24 Liberator, still works 100% in perfect
condition. Any offers?

Larry,

I have a set made by Motorola with the nomenclature FM 1.

It is a low band VHF radio in an aluminum case about 18 inches long and 2 x
2.

I think that these may be quasi military sets. I have this recollection that
such radios were made (for among other situations) for use in Southeast Asia
by local quasi military forces.

Anyone else remember help?

Joseph Pinner +
Lafayette, LA
KC5IJD

Last weekend, the hams over in Seguin had their first annual
hamfest in McQueeny, Texas.  This event was well attended and
there were a good selection of BA's there.

A buddy of mine picked up a Swan Cygnet for $40 that cleaned up
very, very nicely and only required the replacement of the final
tube to bring it up to spec and earn him a 30db over S-9 from a

station in Florida working in the Motorola roundup.  The price of
the rig included a brand new Swan wattmeter, the little one, in
the box!  All in all, a very good buy since it looks like new and
works like it, too.

A gentleman there had some Drake equipment, a T-4XC; R-4C with
Sherwood first IF filters and a 1.5khz 2nd IF CW filter, and with
11 SW crystals; a TR-4C w/RV4; and a MN-2000 for $250..well,I took the
T-4XC, the R-4C, and the xmtr power supply for $100, and ended up
selling the T-4XC (less tuning knob and power supply) to another
ham that needed one for $30 (I already had a spare T-4XC, but I
needed the knob and power supply) so there were two of us that got
what we needed, and at bargain prices.

I also picked up a Hallicrafters SR-150 w/PS-150-120 in excellent
condition for $100....brought it home and the reciever is in great
condition, but, one of the 12DQ6's was shorted...all I get is
about 10 watts out after peaking the driver and even replacing the
driver tube...gotta find a new pair of 12DQ6's somewhere...got
just about every other tube used in sweep tube finals but that
one! This unit is going to look great sitting next to the SR-400A.

There were a few other BA's at the fest, Swans, etc., and one
Collins 75-A3 (nice condition but overpriced without a case and
only the 3.1 filter for $350).

I also saw an SB-400 for $100m (unsold)

So, that's about it for this fest report, a great hamfest is
coming up on October 8th in Belton, Texas (on the outskirts of
Temple, Texas) and another good one on Oct.22 in the little
community of Manchaca (south of Austin, Tex) and I'll post back
here with the results of those.

end

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
.

From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 16:31:10 1994
Date: 29 Sep 94 10:29:51 EDT
From: don merz <71333.144@compuserve.com>
Subject: NC-200, G-28, Free Tubes
Message-Id: <940929142950_71333.144_DHQ45-1@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228
          412-234-8819.

LATEST ADDITIONS

These items are the latest additions to a lengthy list that is posted on
Compuserve in HAMNET LIBRARY 10 under the file name RADIOS.TXT.

National NC-200. Famous 1941 "25th Anniversary" National receiver in
 wonderful shape. Original paint with a few chips, but basically excellent.
 No mods. All original knobs, S-meter and dial. 25th Anniversary logo is
 crisp and clean. General coverage precursor to the NC-240 with sliding-
 coil rack bandswitching. Works but is unrestored so I wouldn't play it
 much before re-capping and checking voltages. Great National collectors'
 item. $389
Gonset G-28. 1960-vintage 10 meter AM/CW base station rig. Cream-colored with
 blue knobs--very classy. Untested. Unmodified. Some scratches but this is
 the nicest one I've ever seen. $95

FREE TUBES FOR ANCHORITES

I've accumulated quite an excess of 5U4GT, 6SN7GT and 6V6GT tubes so they're
yours if you can use them. Please limit yourself to 5 of each value. Shipping
is $3.50 for 10 tubes and $1.90 for 5. For anchorites only--please don't pass


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 22:54:50 1994
Message-Id: <9409292107.AA19085@keen.austin.ibm.com>
Subject: Re: NC-200, G-28, Free Tubes
Date: Thu, 29 Sep 94 16:07:43 -0600
From: "R.G. Keen" <keen@austin.ibm.com>

> FREE TUBES FOR ANCHORITES

> I've accumulated quite an excess of 5U4GT, 6SN7GT and 6V6GT tubes so they're
> yours if you can use them. Please limit yourself to 5 of each value. Shipping
> is $3.50 for 10 tubes and $1.90 for 5. For anchorites only--please don't pass
Don, thanks for the offer! I'd like 5 of each. That would be .... about $5.40
in shipping? Shall I send a check?

I still have a 100th, by the way. I haven't seen any audio on your lists
recently, so perhaps we could just work a trade for a batch of audio-ish
tubes.

R.G.

Hello All:

>From: Hugh D. Stegman <driver8@red-eft.la.ca.us>
>I also recollect that QST tried a series on radio VIPs for about a year, and
>one of them was a major pop record producer, did a bunch of stuff I hate but
>it was well produced stuff.  In my local circuit there's K6RFU, name forgotten,
>who scores feature films,...

I was in Los Angeles for several months in the winter of 1979 (lucky me ;-)
and it was the first year I had a two-meter CB with me.  This was before
no-code, but this was also during the infamous "repeater wars" which is another
story entirely, but I do happen to still have the tapes....Anyways, I ran
into a friendly little group on one of the (very) local repeaters in the
West Hollywood area, one of whom was a WA2 named Maurice.  He had a friend
he called Roofoo.  I had met Maurice a few times just driving around and one
day Roofoo invited us to drop in and visit.  He was a very nice, cordial man
who had a beautiful mansion in Bel Air and a dream ham station which he
allowed us to play with.  I visited him several times during the winter and
he was always cordial and friendly. I had no idea he is "notable"  in his
prefessional life.  But I well and fondly remember him

- Albert Glasser, K6RFU.

Also I know that actor Lloyd Bochner N6CKF is licensed.  You may remember him
as Colby.  He's also an ex-Canadian!  I don't think he was licensed in
Canada.

Another ham notable is actor Randy Powell - used to be WA0QZW but has a
two-by-one six call now.  I guess I could look it up ..... stand by!
Randy is now NZ6N - I know he wanted the NZ prefix because his gorgeous
wife is from New Zealand!  You may not know his name but you've probably
seen him - he does a lot of commercials these days.  He's also a pleasant
kind of guy to have for a buddy!

There's another notable I know to be a ham but I can't think of it at this
time.

73,

Michael KH6KD/W1
also VE2XZ/W1

From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 22:47:20 1994
Message-Id: <9409292047.AA05205@geech.gnu.ai.mit.edu>
Date: Thu, 29 Sep 94 15:44:50 -0500
From: "Robert R. Wier"  <wier@merlin.etsu.edu>
Subject: Re: Notable Hams I Have Known.........


On the topic of Hollywood hams, here's a story which may or may not
be true (wasn't me - but heard it from a "reliable source").

Back in the early days of Slow Scan Television when everybody was using
P7 Radar tubes for displays (very long persistance, amber color crts),
a guy was exchanging pictures with an OM in California. The W6 just gotten
on the air, and was transmitting pics for the first time. He was looking
for stuff to send, and told his wife something like "Come over here and
stand in front of the camera". Turned out it was Elke Sommer (a truly
beautiful blonde)! The fellow's name (if I remember correctly) was Joe
Hyams (or something similar) - I checked the call sign server, but don't
get any hits on that, so I don't know if it's true or not...

THANKS & 73 de WB5KXH




======= round up the usual disclaimers! =========
       Bob Wier - wier@merlin.etsu.edu
   keeper of the Adobe Photoshop, Icom Radio
 Motorola HC11, and Overland Trails mailing lists


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 22:13:25 1994
Date: Thu, 29 Sep 1994 13:33:32 -0400 (EDT)
From: X90GALBRAIT1@wmich.edu
Subject: Plans for a hollow state T/R switch??
Message-Id: <01HHOPX2M3O48Y7CEB@wmich.edu>

Even though my relay type T/R switch is easy and makes neat 'electronic type'
clicking sounds, I'd like to build a tube type T/R.

I know Johnson made one, and various people tell me there are designs in old
Handbooks, etc..

Could anyone provide me with a copy of an articl, handbook project, etc..?
If plans exist in old QSTs or CQs, I could use someone's reference as I have
access to those mags (back to 1960).

What your fav. design?  Are they complicated (I've never wound a transformer
before ;(...

73, and thanks for all the circulating wisdom!
Chris, KA8WFC
'trying to get my feet wet without soaking my head.'


From owner-boatanchors@gnu.ai.mit.edu   Thu Sep 29 18:33:23 1994
Date: Thu, 29 Sep 94 17:05:51 GMT
From: Hugh D. Stegman <driver8@red-eft.la.ca.us>
Message-Id: <9409291705.AA07528@red-eft.la.ca.us>
Subject: RCA 1/4" audio cassettes.


Thanks for reminding me on these large tape cassettes.  These are strange if
you're used to the little Philips cassette that kidz slap into their boom
boxes.  They look the same, but scaled up.  UCLA had a couple of language
labs that used these.

Hugh NV6H
"ooooo, aaaaa, eeeee, ts, no, try again, ts, that's it."


From owner-boatanchors@gnu.ai.mit.edu   Fri Sep 30 00:02:24 1994
Date: Thu, 29 Sep 1994 21:34:14 -0400
From: cotton@thumper.bellcore.com (Chase Cotton)
Message-Id: <199409300134.VAA23300@thumper.bellcore.com>
Subject: Re:  RE>Dan's TR4C

     >>  Anyone have an address/phone # for "RF Parts"?
     >>
     >>  73 Mark KA3LFG

     from my "vendors" mail save file ...

     RF Parts Co.
     435 South Pacific St.
     San Marcos, CA 92069
     1-800-RF-PARTS

Chase

-----
Chase Cotton                          cotton@thumper.bellcore.com


From owner-boatanchors@gnu.ai.mit.edu   Thu Sep 29 17:31:33 1994
Date: Thu, 29 Sep 1994 11:02:42 -0500 (CDT)
From: KANAMAA%AMGATE%MATRXA@randb.abbott.com

Subject: Splish Splash I was takin' a bath
Message-Id: <01HHOKIJOIQAE6Q99A@RANDB.PPRD.Abbott.Com>

>From: Kana, Michael (D9CY)
Date: Thu, Sep 29, 1994 11:18 AM
Subject: Splish Splash I was takin' a bath
To: boatanchors
Howdy All

I figured that when I get snowed in this winter, I should have a few
projects to keep me from going nuts.  One idea was to take apart the gear drive
of the RF deck on my R390A.  I have read in ER of the gears
being cleaned in an ultrasonic bath.  I dont have one of those but I
could probably put the gears into some liquid and shake them about.
For cleaning, a rag and compressed air should do.  Any
recommendations on cleaners?  Any horror stories of other individuals
who did this and lived to talk about it?

Also, are there any tricks to removing what appears to be oxide or
some residue on the surface of a chasis?  Any mild solvents or will
a damp rag or toothbrush do?  Also, what to do if there is a salt
residue?

Questions abound!
73's de AA9IL
Mike Kana


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 23:10:35 1994
From: mmatteso@dg-webo.webo.dg.com (Mike Matteson)
Message-Id: <9409292142.AA21492@dg-webo.webo.dg.com>
Subject: Re: Splish Splash I was takin' a bath
Date: Thu, 29 Sep 1994 17:42:42 -0400 (EDT)

Hi,
     I have an R390 that was given to me a number of years back.  I
was talking to Bill, K5IW, about it one day soon afterwards...he said to me

     "Never take the gears apart...they were put together
      by elves...and the elves are all dead."

...Bill had worked on many R390's in the service, and I believed
him...I've never taken them apart.
     73
     --MikeM-- WB5JMJ

> From: Kana, Michael (D9CY)
> Date: Thu, Sep 29, 1994 11:18 AM

>
> I figured that when I get snowed in this winter, I should have a few
> projects to keep me from going nuts.  One idea was to take apart the gear drive
> of the RF deck on my R390A.  I have read in ER of the gears
> being cleaned in an ultrasonic bath.  I dont have one of those but I
> could probably put the gears into some liquid and shake them about.
> For cleaning, a rag and compressed air should do.  Any
> recommendations on cleaners?  Any horror stories of other individuals
> who did this and lived to talk about it?

> 73's de AA9IL
> Mike Kana
>
>


From owner-boatanchors@gnu.ai.mit.edu  Thu Sep 29 17:13:31 1994
From: rdkeys@csemail (R. D. Keys)
Message-Id: <9409291426.AA114202@csemail.cropsci.ncsu.edu>
Subject: Re: Using SW Rcvr for QRP Rec
Date: Thu, 29 Sep 94 10:26:28 EDT


JEFF writes......

>
> I'm considering using my handkey to close a relay that would both
> key the xmtr and switch the antenna; has anyone tried this rather
> old-fashioned method?

Aside from what the High Speed Code Boys and the PIN Diode QSK
fellas would like to see, the ancient ways are also perfectly
acceptable if you know what to use and how to do it.  (No flames
at the High Speed Code Boys, but some of use Boatanchorites [QRP/QRO]
still like to hear the clatter and bang of relays in the night.
My OM, who was a commercial/military op back in the early days used to
read the tfc at his transmitter site (WVB) in the 20's by relay clicks.

Relays have been the mainstay of antenna changeover for a looooong time.
I have been using this method since the novice days.  It works fine
at speeds up to about 25-30 wpm with most standard types of relays
and the generic wwII military surplus antenna relays from various
boatanchors.  At hand keying speeds it is great.  My half kw shipboard
transmitter has the relay out of a GP-7 navy aircraft transmitter
that I picked up for 5 bucks (totally trashed, but good for a few
parts like the relay).  I have a toggle switch on the edge of the desk,
a footswitch on the floor, or can hook it in line with the key to
affect antenna changeover.  There are even extra contacts for muting

as may or may not be required.  This works fine on coaxial or
end fed high voltage antennas.

A standard Dow Coaxial relay will do the same thing at hand key
speeds, if it has the extra contacts mounted on it.  This works
fine with the average coaxial fed antena.  You probably will have
to bend the contacts slightly to properly set up the sequencing
of the relay to switch the antenna first and then mute the rig
second and key the rig third.

>
> The answer is to get/make a handkey that has *two* sets of contacts
> on it - anyone ever seen one?

Old spark keys from the early days sometimes had extra contacts on
the back of the key lever arm to affect changeover.  The landline
keys sometimes had this so that QSK could be effected without
manually throwing the line shorting lever switch.  The TG-5 field
telegraph sets have keys with extra contacts (same key as used in
the infamous Type 19 British set [which may or may not have the
extra contacts]).  There was a hint and kink thing sometime in QST
that showed how to mount back contacts on a key lever arm to affect
the breakin.  I don't remember what year that was tho, but it was
probably in the 30's or 40's.  Most of these adaptations tended
to fade away in the 1930's as good high speed high voltage relays
became available.

>
> Jeff ``No transceivers here'' NH6IL
>
>

At low power levels of up to 100 watts or so, almost any relay of
1/8 inch contact size, like the octal can relays, for instance,
will work as a breakin relay for average hand keying speeds.
Most 110vac relays will fire fine on 24-28 vdc.  I use a 12 volt
relay with a small 10ah sealed lead acid battery in the keying
loop.

For QRP use, even a reed relay will work just fine, or a pack of
reeds in a common coil for multifunction use.  I have keyed up
to a half dozen or so functions simultaneously at hand keying
speeds with separate relays all connected with current polarity
diodes to prevent backcurrent, to a common key point.  It works
great at the usual hand keying speeds.  It can get funny at
speeds beyond about 30 wpm, tho, unless you take care to sequence
the relays.  I sometimes put a small value of capacitance across
the coil of the relay that keys the heaviest to help speed it along.

A little more capacitance can be used to hold the relay in slightly
and allow some control of sequencing.  A lot more capacitance will
allow the relay to hang in and emulate ``semi-breakin'' [YUK!].

If you want high speed QSK with relays, you need special relays
as were mounted in the larger navy cw rigs of the wwII era that
could key up to 100 wpm.  Unfortunately, they are scarce.

The infamous BC-191 and BC-375 had the finest of the army QSK relays.
The thing will easily key up to about 8 functions simultaneously,
including high voltage or high current antennas at speeds up to 40
wpm.  BUT, the adjustment on such relays is an exact science.
All the functions need to be performed in sequence, and the adjustment
of the relay requires a sequencing analyzer (a series of lights that
follow along each contact on make and break).  That can be made up
if you know how to do it, but the originals are scarce as hell.
The poor adjustment of the relays in the BC-191/BC-375 is as much
responsible for the lousy chirping reputation these transmitters
seem to have, as was the ham's propensity for poorly regulated
power supplies after wwII.  These transmitters, when properly set
up key as well as any modern rig at speeds up to 40 wpm, and have
perfectly acceptable stability.

The finest QSK relays ever made are the Leach Break-In relays made in the
20's through wwII.  There is an article in QST in the late 20's describing
their use and construction.  They will key a KW spark rig full qsk,
but the contacts are a half inch in diameter and the action is sensitive
as hell and smooth as butter.  I had the good fortune to find two new
in box at a hamfest, but have not had the will to actually put them
in line, because they are so rare.  Maybe I will get up the nerve to try
one this winter.....  The 100wpm navy relays are often patterned somewhat
after the Leach design.

Egads!  How did I let the grey matter get into such a morning tirade
as this.... (:+}}.....  Time to hit the Mississippi mud pot......

73
Bob
NA4G

From owner-boatanchors@gnu.ai.mit.edu  Fri Sep 30 03:57:30 1994
Message-Id: <MAILQUEUE-101.940929221640.288@vilas.uwex.edu>
From: "Terry O'Laughlin"  <OLAUGHLIN@vilas.uwex.edu>
Date:        29 Sep 94 22:16:40 CDT
Subject:       Weird equipment directories

I have compiled equipment directories for Communications Electronics
Inc., Watkins-Johnson and Nems-Clarke radio equipment.  I'll e-mail
any or all three to anyone who would like a copy.

I'm also starting lists for Racal, ACL, LTV and considering Defense
Electronics Inc.  I welcome your input.

73s     Terry O'      WB9GVB

From owner-boatanchors@gnu.ai.mit.edu  Fri Sep 30 03:51:19 1994
Date: Fri, 30 Sep 1994 13:15:50 +1000 (EST)
From: Dave Horsfall <dave@esi.COM.AU>
Subject: Re: what famous people are presently hams
Message-Id: <Pine.3.88.9409301337.B14281-0100000@eram.esi.com.au>

First, many thanks to those who sent me updates - I tried to thank you
all, but I may have missed some.  I'll post an updated list to USENET
some time soon (I don't really want to post it here unless asked to do
so).

On Wed, 28 Sep 1994 bamodena@csemail.cropsci.ncsu.edu wrote:

> > GB1MIR       Helen Sharman, astronaut
>
> Most of the American astronauts/load specialists are hams...as I tell

Yeah, as I said in the list it's no longer a novelty (now it seems to be
a requirement!), so I just confine it to the first few from each country.

--
Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2AAB.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE  9C 8C 54 5B 9A D4 A0 CD